

#5

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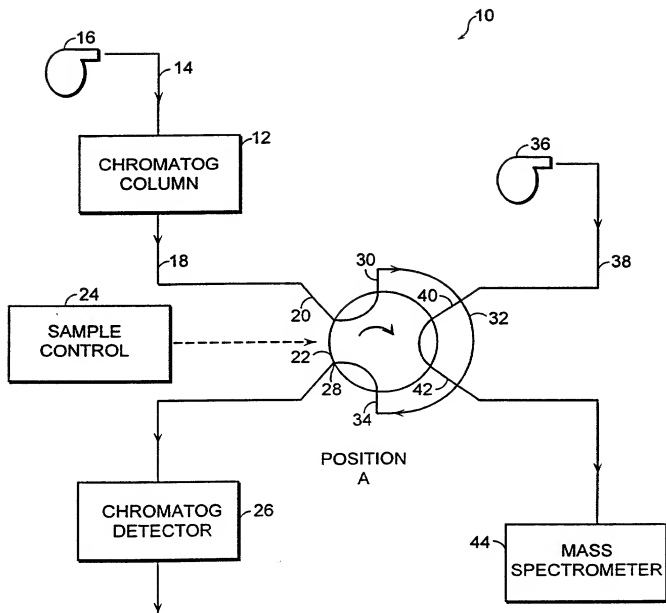


FIG. 1

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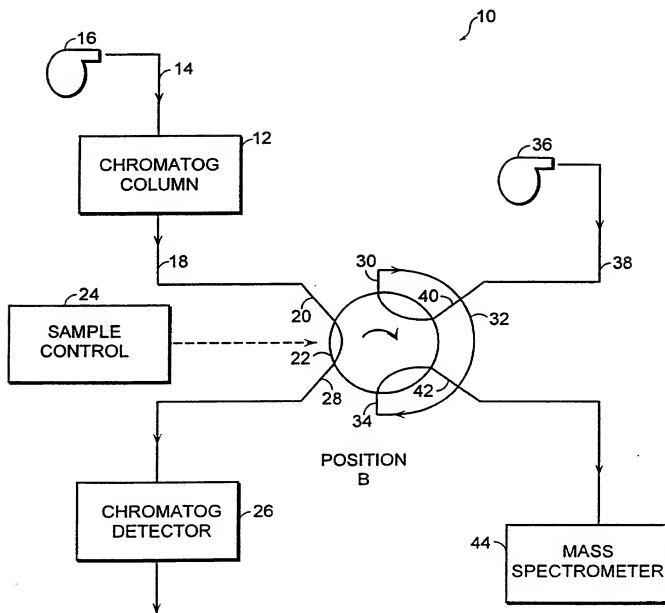


FIG. 2

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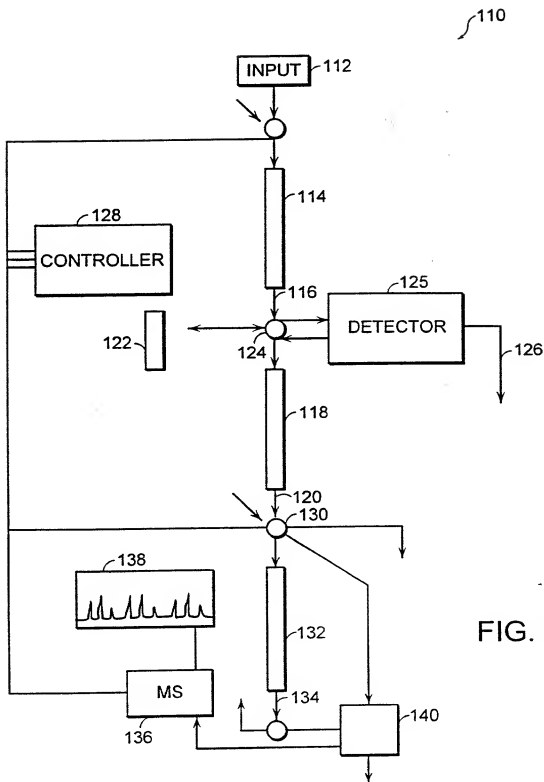
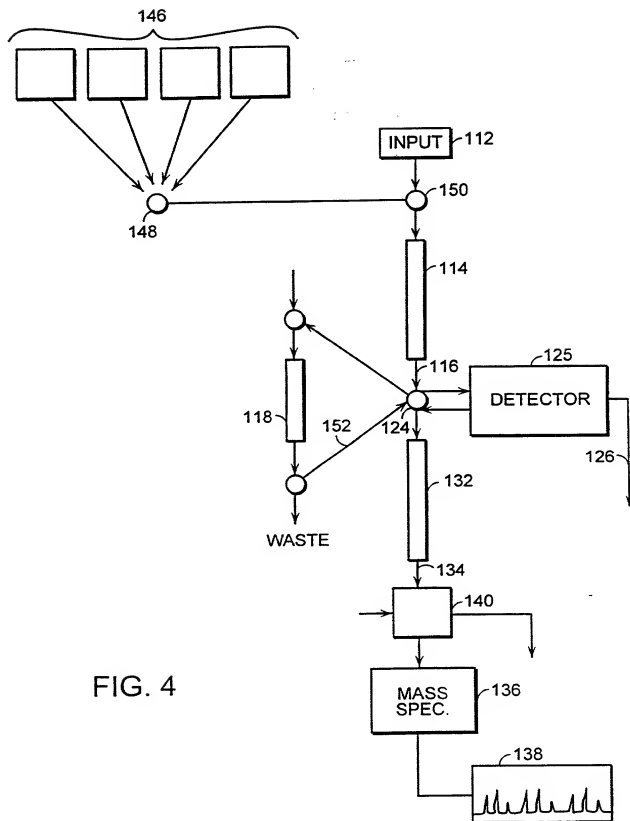


FIG. 3

10006630 032902



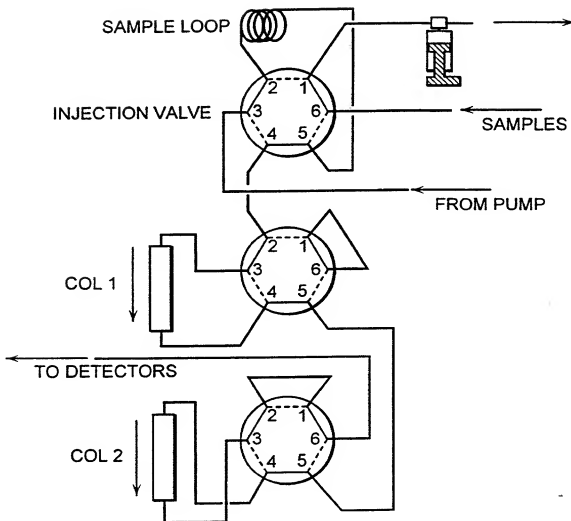


FIG. 5

## FIG. 6

2062E0-0E990007

"High Speed, Automated, Continuous Flow, Multi-Dimensional Molecular Selection and Analysis"  
Serial No.: 10/006,630 Filed: 12/5/2001  
Atty: Michael H. Brodowski  
Docket No.: SYP-101DV  
Express Mail Mailing Label No. EL95345555US

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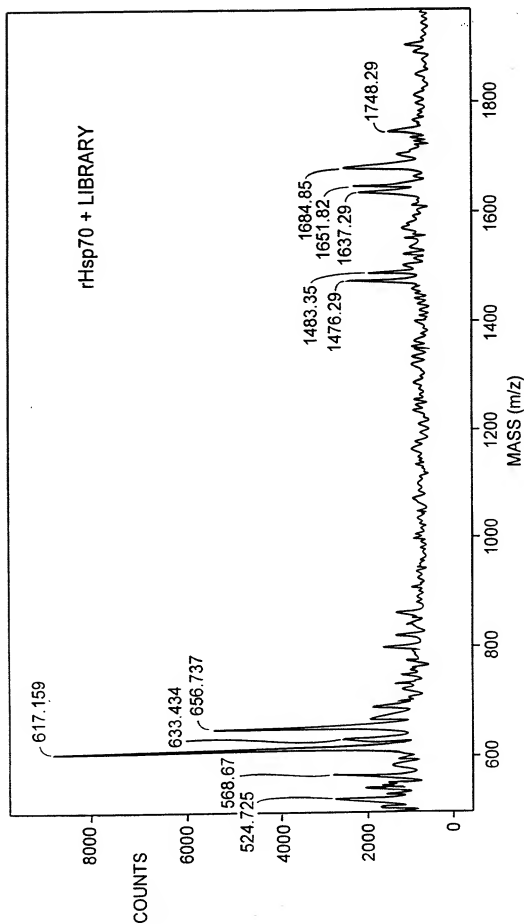


FIG. 7A

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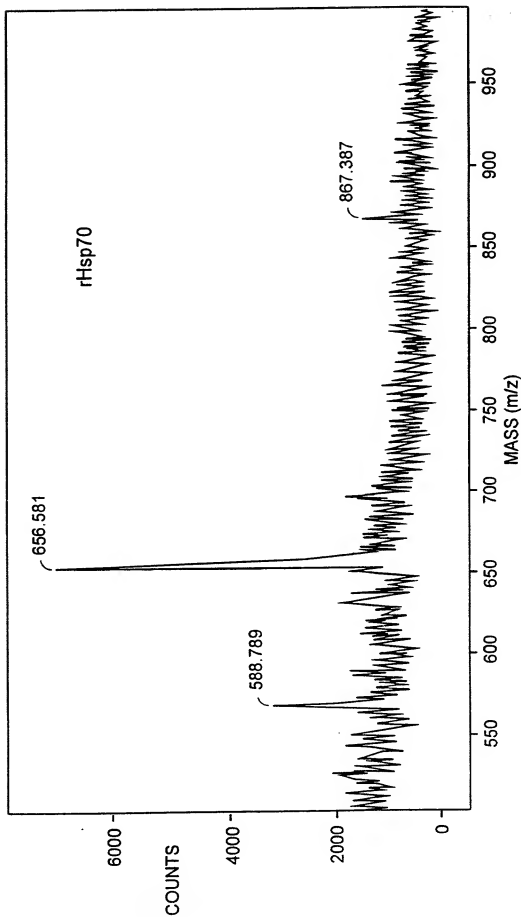


FIG. 7B

206220-00990001



206220 00990001

"High Speed, Automated, Continuous Flow, Multi-Dimensional Molecular Selection and Analysis"  
Serial No.: 10/006,630 Filed: 12/5/2001  
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Docket No.: SYP-101DV  
Express Mail Mailing Label No. EL95345555US

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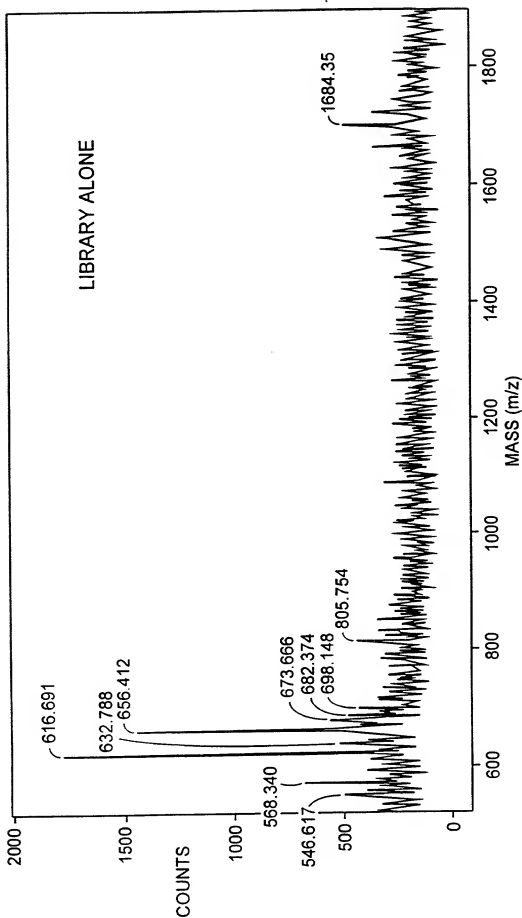


FIG. 7C

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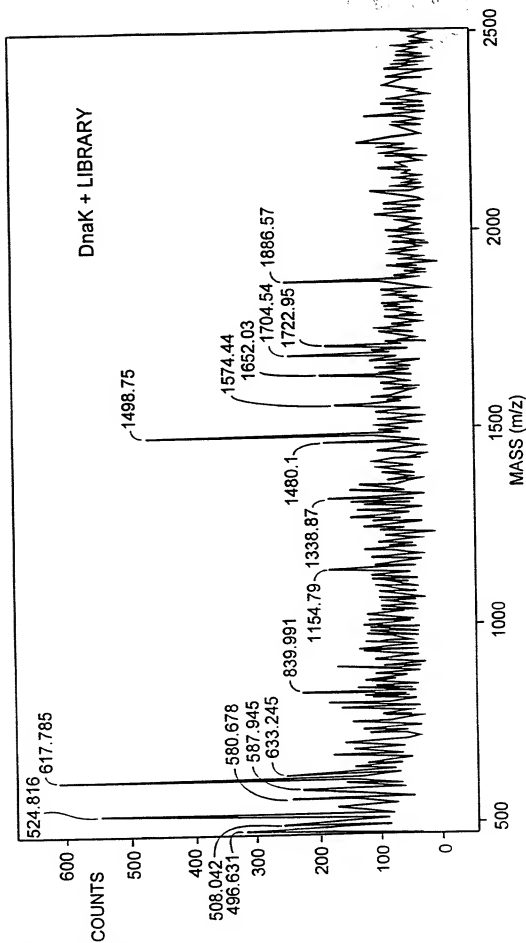


FIG. 7D

200220-00990001

206220-08990001

IDENTIFICATION OF PEPTIDE SEQUENCES  
BINDING TO CONCAVALIN A IN A  
SUGAR-SPECIFIC MANNER\*

RANKING AMINO ACIDS FROM GREATEST TO LEAST ENRICHMENT OVER CONTROL

NO INCUBATION ON-COLUMN      30MIN INCUBATION ON-COLUMN

CYCLE #	H	R	Q	N	1	W	H	Q	R	I	V	N
1	H	N	Q		2	W	V	T	Q	I	P	
2	H				3	W	V	T	Q	D	E	
3	R	H/D/Q/N			4	W	S	Q	V	E	N	
4	S	R	W	Y								
5	Y	R	Q		5	V	T	W	Q	E/D/G	N	R

\*TABLE SHOWING ENRICHMENT OF AMINO ACIDS AT EACH CYCLE IN THE ABSENCE AND  
PRESENCE OF SUGAR

FIG. 8